

**Patent Claims**

1. A seat, in particular for a vehicle, the seat having a supporting structure (4), a support (1) and wiring (3), apart from seat heating systems, characterized in that the wiring (3) is fixed to the support (1).  
5
2. The seat as claimed in claim 1, characterized in that the support (1) is at least partially multi-layered, with the wiring (3) preferably being fixed to one of the layers.  
10
3. The seat as claimed in one of the preceding claims, characterized in that the layers are formed from different material.  
15
4. The seat as claimed in one of the preceding claims, characterized in that it has a plurality of supports (1), and in that the wiring (3) is fixed to at least one of the supports (1).  
20
5. The seat as claimed in one of the preceding claims, characterized in that the wiring (3) is fixed to a felt mat (6).  
25
6. The seat as claimed in one of the preceding claims, characterized in that the felt mat (6) forms one of the plurality of supports (1).  
30
7. The seat as claimed in one of the preceding claims, characterized in that the wiring (3) comprises flat conductors.
- 35 8. The seat as claimed in one of the preceding claims, characterized in that the wiring (3) is fitted in the support (1).

9. The seat as claimed in one of the preceding claims, characterized in that the support (1) has a visible side and a rear side, and in that the wiring (3) is provided on the rear side of the support (1).
10. The seat as claimed in one of the preceding claims, characterized in that the felt mat (6) forms the rear side of the support (1).
11. The seat as claimed in one of the preceding claims, characterized in that the fixing of the wiring (3) takes place by adhesive bonding and/or by means of touch-and-close strips and/or by means of further fixing means.
12. The seat as claimed in one of the preceding claims, characterized in that a plurality of layers of the wiring (3) are arranged one above another.
13. The seat as claimed in one of the preceding claims, characterized in that circuit components are parts of the wiring (3).
14. The seat as claimed in one of the preceding claims, characterized in that the wiring (3) is connected to connecting components (2) and/or supporting structure components (5) by manufacturing in advance, soldering, plugging in and/or clamping.
15. The seat as claimed in claim 14, characterized in that the wiring (3) is connected to supporting structure components (5), which are placed on or in the immediate vicinity of the supporting

structure (4), by means of interlacing connections and/or short branch connections.

- 5 16. The seat as claimed in one of the preceding claims, characterized in that the wiring (3) is essentially as flexible as the support (1) or is more flexible than the support (1).
- 10 17. A method for assembling a seat, in particular for a vehicle, the seat having a supporting structure (4), a support (1) and wiring (3), apart from seat heating systems, characterized in that the method comprises the following steps:
- 15 a) fixing the wiring (3) to a layer of the support (1),
- b) fitting layers of the support (1) onto the seat,
- c) joining together the support (1),
- 20 with step c) taking place either before step b) or after step b).
- 25 18. The use of a flat conductor for the wiring (3), apart from seat heating systems, of a seat having a support, in particular for a vehicle, characterized in that the wiring (3) is fixed in the support (1) and/or to the support (1).